

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 6/30/98 are:

- A. _____ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
Black ink. Color.	<input type="checkbox"/> Hatching not indicated for sectional portions of an object.
<input type="checkbox"/> Color drawing are not acceptable until petition is granted.	<input type="checkbox"/> Fig.(s) _____
<input type="checkbox"/> Pencil and non black ink is not permitted. Fig(s) _____	<input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig.(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84(b)	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
<input type="checkbox"/> Photographs are not acceptable until petition is granted.	<input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) _____
<input type="checkbox"/> 3 full-tone sets are required. Fig(s) _____	<input type="checkbox"/> Views not on the same plane on drawing sheet. Fig.(s) _____
<input type="checkbox"/> Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____	9. SCALE. 37 CFR 1.84(k)
<input type="checkbox"/> Poor quality (half-tone). Fig(s) _____	<input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig.(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e)	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
<input type="checkbox"/> Paper not flexible, strong, white and durable.	<input type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality). Fig.(s) <u>1-15</u>
<input type="checkbox"/> Fig.(s) _____	11. SHADING. 37 CFR 1.84(m)
<input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)	<input type="checkbox"/> Solid black areas pale. Fig.(s) _____
<input type="checkbox"/> Mylar, vellum paper is not acceptable (too thin).	<input type="checkbox"/> Solid black shading not permitted. Fig.(s) _____
<input type="checkbox"/> Fig(s) _____	<input type="checkbox"/> Shade lines, pale, rough and blurred. Fig.(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.48(p)
<input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)	<input type="checkbox"/> Numbers and reference characters not plain and legible. Fig.(s) _____
<input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	<input type="checkbox"/> Figure legends are poor. Fig.(s) _____
<input type="checkbox"/> All drawings sheets not the same size.	<input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____
<input type="checkbox"/> Sheet(s) _____	<input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	<input type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) _____
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	13. LEAD LINES. 37 CFR 1.84(q)
SIZE: A4 Size	<input type="checkbox"/> Lead lines cross each other. Fig.(s) _____
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	<input type="checkbox"/> Lead lines missing. Fig.(s) _____
SIZE: 8 1/2 x 11	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(l)
<input type="checkbox"/> Margins not acceptable. Fig(s) <u>3-3B, 718, 115</u>	<input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) _____
<input type="checkbox"/> Top (T) <u> </u> Left (L) <u> </u>	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
<input type="checkbox"/> Right (R) <u> </u> Bottom (B) <u> </u>	<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) _____
6. VIEWS. 37 CFR 1.84(h)	16. CORRECTIONS. 37 CFR 1.84(w)
REMINDER: Specification may require revision to correspond to drawing changes.	<input type="checkbox"/> Corrections not made from PTO-948 dated _____
<input type="checkbox"/> Views connected by projection lines or lead lines.	17. DESIGN DRAWINGS. 37 CFR 1.152
<input type="checkbox"/> Fig.(s) _____	<input type="checkbox"/> Surface shading shown not appropriate. Fig.(s) _____
Partial views. 37 CFR 1.84(h)(2)	<input type="checkbox"/> Solid black shading not used for color contrast. Fig.(s) _____
<input type="checkbox"/> Brackets needed to show figure as one entity.	
<input type="checkbox"/> Fig.(s) _____	
<input type="checkbox"/> Views not labeled separately or properly.	
<input type="checkbox"/> Fig.(s) _____	
<input type="checkbox"/> Enlarged view not labeled separately or properly.	
<input type="checkbox"/> Fig.(s) _____	

COMMENTS

REVIEWER YJC DATE 7/20/98 TELEPHONE NO. 70306812

ATTACHMENT TO PAPER NO. _____

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REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. I is changed to Fig. IA, Fig. IB, Fig. IC, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawing changes.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities—37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing of Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.